

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1629	((423/608,609,610) or (502/350)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/26 09:58
L2	988	L1 and ((titanium adj \$oxide) or "tio. sub.2")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 09:58
L3	97	L1 and (((titani\$2 with ammoni\$2) or (titani\$2 with urea)) same calcin\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 09:58
L4	87	L3 and L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 09:58
L5	87	L4 and (ammoni\$2 or urea or calcin\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 09:58
L6	11	L5 and (titanium adj \$hydroxide) and (fiber or fibrous) and (steam or (water adj vapor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 10:01
L7	20	L5 and (titanium adj \$hydroxide) and (fiber or fibrous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 10:02
L8	20	L5 and (titanium adj hydroxide) and (fiber or fibrous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 10:02

## EAST Search History

L9	42	L5 and (fiber or fibrous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 10:02
L10	33	L5 and (titanium adj hydroxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 10:02
S1	1062	((423/608,609,610) or (502/350)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/26 08:30
S2	741	((423/610) or (502/350)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/03/10 07:28
S3	360	(((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2)	US-PGPUB; USPAT	OR	ON	2003/03/10 06:00
S4	236	(((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)	US-PGPUB; USPAT	OR	ON	2003/03/10 06:00
S5	55	((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh.sub."\$2)	US-PGPUB; USPAT	OR	ON	2003/03/10 06:00
S6	8	((((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh.sub."\$2)) and (titanium adj hydroxide)	US-PGPUB; USPAT	OR	ON	2003/03/10 06:01
S7	6	((((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh.sub."\$2)) and (titanium adj hydroxide)) and steam\$4	US-PGPUB; USPAT	OR	ON	2003/03/10 06:01
S8	1	(((((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh.sub."\$2)) and (titanium adj hydroxide)) and steam\$4) and (calcin\$3 or calcinat\$4) with (titanium adj hydroxide)	US-PGPUB; USPAT	OR	ON	2003/03/10 06:53

## EAST Search History

S9	2	(((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh. sub."\$2)) and (titanium adj hydroxide)) and (calcin\$3 or calcinat\$4) with (titanium adj hydroxide)	US-PGPUB; USPAT	OR	ON	2003/03/10 05:27
S10	112	((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) with (gas\$4 or vapor)	US-PGPUB; USPAT	OR	ON	2003/03/10 06:04
S11	76	((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) with (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4)	US-PGPUB; USPAT	OR	ON	2003/03/10 06:04
S12	25	(((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) with (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh. sub."\$2)	US-PGPUB; USPAT	OR	ON	2003/03/10 06:04
S13	7	(((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) with (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with ((ammoni\$2 or "nh. sub."\$2) with (gas\$4 or vapor))	US-PGPUB; USPAT	OR	ON	2003/03/10 06:01
S14	2	(((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) with (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with ((ammoni\$2 or "nh. sub."\$2) with (gas\$4 or vapor))) and steam\$4	US-PGPUB; USPAT	OR	ON	2003/03/10 06:05
S15	6	(((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) with (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh. sub."\$2)) and (titanium adj hydroxide)	US-PGPUB; USPAT	OR	ON	2003/03/10 06:02
S16	73	((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor)	US-PGPUB; USPAT	OR	ON	2003/03/10 07:20
S17	50	((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4)	US-PGPUB; USPAT	OR	ON	2003/03/10 06:04

## EAST Search History

S18	20	(((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh. sub."\$2)	US-PGPUB; USPAT	OR	ON	2003/03/10 06:11
S19	7	(((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh. sub."\$2)) and steam\$4	US-PGPUB; USPAT	OR	ON	2003/03/10 06:05
S20	5	(((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh. sub."\$2)) and (titanium adj hydroxide)	US-PGPUB; USPAT	OR	ON	2003/03/10 06:08
S21	6	((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4) near4 (ammoni\$2 or "nh. sub."\$2)	US-PGPUB; USPAT	OR	ON	2003/03/10 09:18
S22	0	("wo9940028").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/03/10 06:20
S23	0	("9940028").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/03/10 06:20
S24	0	("wo9940028").PN.	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/03/10 06:20
S25	0	"wo99/40028"	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/03/10 06:22
S26	2	("9940028").PN.	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/03/10 06:23
S27	0	("wo9940028").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/03/10 06:20
S28	0	("wo9940028").PN.	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/03/10 06:20

## EAST Search History

S29	2	"9940028"	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/03/10 06:21
S30	0	"99/40028"	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/03/10 06:22
S31	0	("0040028").PN.	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/03/10 06:23
S32	11	(((((ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh. sub."\$2)) and (titanium adj hydroxide)) and steam\$4) and (calcin\$3 or calcinat\$4) with (titanium adj hydroxide)	US-PGPUB; USPAT	OR	ON	2003/03/10 06:53
S33	11	(((((ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh. sub."\$2)) and (titanium adj hydroxide)) and steam\$4) and (calcin\$3 or calcinat\$4) with (titanium adj hydroxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/10 06:53
S34	11	(((((ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh. sub."\$2)) and (titanium adj hydroxide)) and steam\$4) and (calcin\$3 or calcinat\$4) with (titanium adj hydroxide)) and (titania or "tio. sub.2" or (titanium adj \$2oxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/10 06:54
S35	7	(((((((ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh. sub."\$2)) and (titanium adj hydroxide)) and steam\$4) and (calcin\$3 or calcinat\$4) with (titanium adj hydroxide)) and (titania or "tio. sub.2" or (titanium adj \$2oxide))) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/10 06:55

## EAST Search History

S36	7	(((((ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh. sub."\$2)) and (titanium adj hydroxide)) and steam\$4) and (calcin\$3 or calcinat\$4) with (titanium adj hydroxide)) and (titania or "tio. sub.2" or (titanium adj \$2oxide))) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/10 07:19
S37	11	(((((ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh. sub."\$2)) and (titanium adj hydroxide)) and steam\$4) and (calcin\$3 or calcinat\$4) with (titanium adj hydroxide)) and (titanium adj hydroxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/10 07:19
S38	11	(((((ammoni\$2 or "nh.sub."\$2)) and (calcin\$3 or calcinat\$4)) and (calcin\$3 or calcinat\$4) with (ammoni\$2 or "nh. sub."\$2)) and (titanium adj hydroxide)) and steam\$4) and (calcin\$3 or calcinat\$4) with (titanium adj hydroxide)) and (titania or "tio. sub.2" or (titanium adj \$2oxide))) and (titanium adj hydroxide) with (calcin\$3 or calcinat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/10 07:37
S39	73	((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor)	US-PGPUB; USPAT	OR	ON	2003/03/10 07:21
S40	1	((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor)) and (titanium adj hydroxide) with (calcin\$3 or calcinat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/10 07:37
S41	741	((423/610) or (502/350)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/03/10 07:28
S42	11	((423/610) or (502/350)).CCLS.) and (titanium adj hydroxide) with (calcin\$3 or calcinat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/10 07:29
S43	2	((423/610) or (502/350)).CCLS.) and (titanium adj hydroxide) with (calcin\$3 or calcinat\$4)) and steam\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/10 08:07

## EAST Search History

S44	9	bibrous	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/10 08:07
S45	6	((((423/610) or (502/350)).CCLS.) and (ammoni\$2 or "nh.sub."\$2) near3 (gas\$4 or vapor)) and (calcin\$3 or calcinat\$4) near4 (ammoni\$2 or "nh.sub."\$2)	US-PGPUB; USPAT	OR	ON	2003/03/10 09:19
S47	1	("6827922").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/26 08:19
S48	1629	((423/608,609,610) or (502/350)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/26 08:30
S49	1257	S48 and (titani\$2 or "tio.sub.2")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 08:31
S50	988	S48 and ((titanium adj \$2oxide) or "tio.sub.2")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 08:31
S51	97	S48 and (((titani\$2 with ammoni\$2) or (titani\$2 with urea)) same calcin\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 08:36
S52	87	S51 and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 08:33
S53	87	S52 and (ammoni\$2 or urea or calcin\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 09:05

## EAST Search History

S54	33	S53 and (titanium adj hydroxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 08:46
S55	33	S53 and (titanium adj \$5hydroxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 09:58
S56	31	S52 and ((ammoni\$2 with gas) or (ammoni\$2 with gaseous) or (urea with gas) or (urea with gaseous))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 09:12
S57	25	S52 and ((ammoni\$2 near3 gas) or (ammoni\$2 near3 gaseous) or (urea near3 gas) or (urea near3 gaseous))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 09:12